15-195-22455 4-15s-21w

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N.Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

4 15 21 Trego KS

Kuppetz 'TA'#4-4

Start Date: 2007.05.21 @ 14:46:25
End Date: 2007.05.21 @ 21:42:49
Job Ticket #: 28529 DST #: 1

KCC
SEP 04 2007
CONFIDENTIAL

Trilobite Testing, Inc
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DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 N.Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Kuppetz 'TA'#4-4

4 15 21 Trego KS

Job Ticket: 28529 **DST#: 1**

Test Start: 2007.05.21 @ 14:46:25

GENERAL INFORMATION:

Formation: **Ft Scott**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:13:20
Time Test Ended: 21:42:49

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 28

Interval: 3975.00 ft (KB) To 4035.00 ft (KB) (TVD)
Total Depth: 4035.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

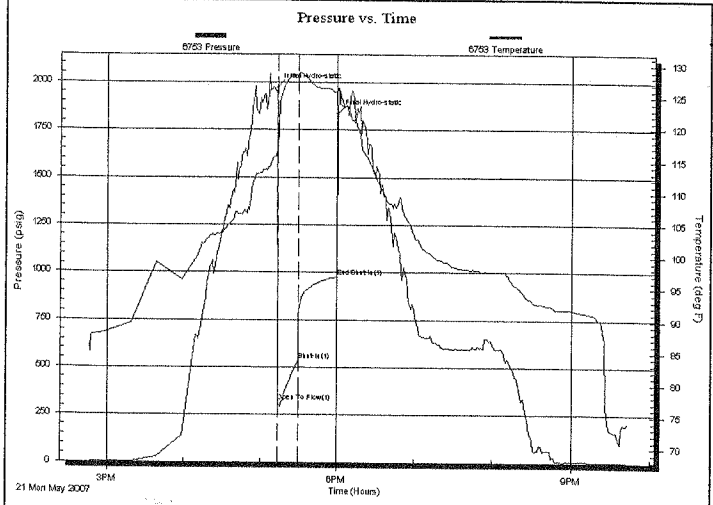
Reference Elevations: 2209.00 ft (KB)
2204.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 535.17 psig @ 3979.01 ft (KB)
Start Date: 2007.05.21 End Date: 2007.05.21
Start Time: 14:46:25 End Time: 21:42:49

Capacity: 7000.00 psig
Last Calib.: 2007.05.21
Time On Btm: 2007.05.21 @ 17:12:50
Time Off Btm: 2007.05.21 @ 18:00:20

TEST COMMENT: IFP Strg bl in 30 sec.
Times 15 30 out



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1972.15	116.85	Initial Hydro-static
1	320.58	116.81	Open To Flow (1)
17	535.17	128.32	Shut-In(1)
47	977.90	125.71	End Shut-In(1)
48	1836.48	126.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MGO 15%G 55%O 30%M	0.61
1085.00	SMGO 3%G 82%O 3%M	14.16
62.00	CO	0.87
70.00	MGO 15%G 60%O 25%M	0.98
0.00	800 ' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

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TOOL DIAGRAM

Pintail Petroleum LTD

225 N.Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Kuppetz 'TA'#4-4

4 15 21 Trego KS

Job Ticket: 28529 **DST#: 1**

Test Start: 2007.05.21 @ 14:46:25

Tool Information

Drill Pipe:	Length:	3739.00 ft	Diameter:	3.80 inches	Volume:	52.45 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	240.00 ft	Diameter:	2.25 inches	Volume:	1.18 bbl	Weight to Pull Loose:		65000.00 lb
					Total Volume:	53.63 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		32.00 ft					String Weight:	Initial	50000.00 lb
Depth to Top Packer:		3975.00 ft						Final	58000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		60.02 ft							
Tool Length:		88.02 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3948.00		
Shut In Tool	5.00			3953.00		
Hydraulic tool	5.00			3958.00		
Jars	5.00			3963.00		
Safety Joint	2.00			3965.00		
Packer	5.00			3970.00	28.00	Bottom Of Top Packer
Packer	5.00			3975.00		
Stubb	1.00			3976.00		
Perforations	3.00			3979.00		
Recorder	0.01	6753	Inside	3979.01		
Blank Spacing	33.00			4012.01		
Recorder	0.01	13534	Outside	4012.02		
Perforations	20.00			4032.02		
Bullnose	3.00			4035.02	60.02	Bottom Packers & Anchor
Total Tool Length:	**88.02**					

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FLUID SUMMARY

Pintail Petroleum LTD

225 N.Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Kuppetz 'TA'#4-4

4 15 21 Trego KS

Job Ticket: 28529 **DST#: 1**

Test Start: 2007.05.21 @ 14:46:25

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	41 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	2.00 inches				

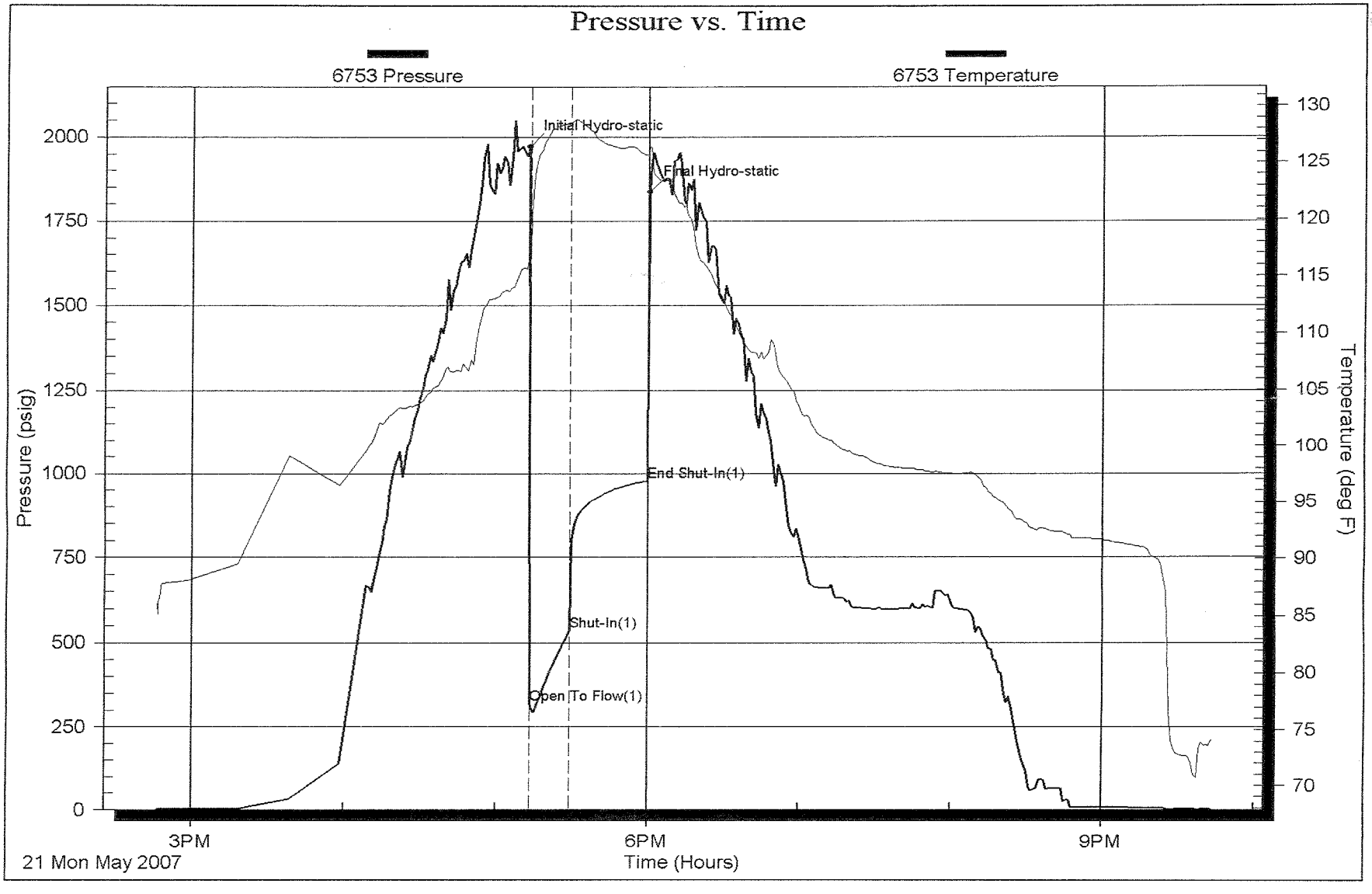
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	MGO 15%G 55%O 30%M	0.610
1085.00	SMGO 3%G 82%O 3%M	14.163
62.00	CO	0.870
70.00	MGO 15%G 60%O 25%M	0.982
0.00	800 ' GIP	0.000

Total Length: 1341.00 ft Total Volume: 16.625 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6753 Pressure
6753 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Shut-In(1)
Open To Flow(1)
Pressure (psig)
Temperature (deg F)
2000
1750
1500
1250
1000
750
500
250
0
130
125
120
115
110
105
100
95
90
85
80
75
70
3PM
6PM
9PM
21 Mon May 2007
Time (Hours)